Results and HighScore mathematical modelling

answeredCorrectlyi = a , a ∈ {true, false} , i = 1,…,5

numberCorrect = 0

timer ∈ {0,…,30}

timerPoints = 0

Level1CurrentHighscore = h , h ∈ {0,…,300}

∀ answeredCorrectlyi = true : i = 1,…,5

numberCorrect = numberCorrect + 1

timerPoints = timerPoints + timer

totalscore = 30(numberCorrect)+timerPoints

Level1CurrentHighscore = Max({totalscore,Level1CurrentHighscore})

Notes: for level 2 and 3 Level1CurrentHighScore is replaced with Level2CurrentHighScore and Level3CurrentHighScore.